

"HERE'S HOW IT WORKS."

Fire Department Capt. W. O. Elam, far left, demonstrates use of a 15-pound carbon dioxide fire extinguisher at a Fire Prevention Week meeting last week of about 150 Y-12 employees



in the Maintenance Division. Standing at left is Elmore Koons, craft general foreman; while standing at right is A. A. Groppe, Maintenance Department head. Both are with the Field Maintenance Divisions.

Fire Prevention Meetings Are Held

Y-12 Group Named For Chest Campaign

The annual appeal by the Oak Ridge Community Chest for funds with which to operate the various worthy civic agencies under its direction will be brought to Y-12, beginning Monday, October 23. The Chest is seeking to raise \$48,000 in Oak Ridge this year for 10 local and six national agencies depending on the generosity of the country for their success in improving standards of life and living.

Success Seen In Y-12

As usual, a smoothly operated and successful campaign is expected in Y-12. In past years no such worthy appeal has failed to bring instant response in the plant and Y-12ers have established several records for "being firstest with the mostest" in such movements.

Plans already have been made to conduct the campaign in the plant. Y-12 Area Superintendent W. D. Lavers is chairman of the campaign committee with Joe White, of the Employment Office, as co-chairman. White has selected a committee of representatives

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SAFETY SCOREBOARD

Your Plant Has
Operated
17 Days
Without A Lost Time
Accident
Through October 8

Ways Of Eliminating Hazards, Extinguishing Flames Shown

Y-12 employees, both old and new alike, this week are holding meetings and drills, watching demonstrations and otherwise being impressed with the importance of the plant fire protection program. These activities are being held as Fire Prevention Week is being observed in Y-12 and throughout the nation this week, October 8-14,

Hospitalization Plan Cards, Certificates Available Soon

Identification cards and certificates for Y-12ers who enrolled in the new Company hospitalization and surgical benefit plan will be distributed in from six to eight weeks by the Washington National Insurance Co., operators of the plan, it has been announced by the Y-12 Insurance Office.

Meanwhile, all Y-12ers covered by the plan and requiring hospitalization or surgical attention will have no trouble in obtaining it. The Oak Ridge Hospital, Knoxville hospitals and hospitals in nearby cities all have claim forms and can easily check eligibility of patients seeking aid.

More than 98 per cent of Carbide employees in the three Oak Ridge installations operated by the Company enrolled in the new plan, which became effective October 1.

George E. Isham Given Deferment

George E. Isham, of the Y-12 Chemical Department, reported in The Bulletin of September 20 as having been called to duty in the armed forces through selective service, has been granted a deferment by his local draft board. Isham is a navy veteran of World War II.

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Seven Papers Will Be Presented By Y-12ers At Southwide Chemical Conference In Atlanta Next Week

11 Men From Plant Will Attend Three-Day Sessions Expected To Draw Many Prominent Scientists From Throughout United States

The Y-12 plant will be well represented at the Southwide Chemical Conference to be held in Atlanta, Ga., October 16, 17, and 18 with seven scientific papers having been prepared by Y-12 personnel for presentation at the meeting. A total of 11 Y-12ers are planning to attend the conference, which is being held under joint sponsorship of the Georgia Section of the American Chemical Society and the Southern Association of Science and Industry. Prominent scientists from throughout the country will attend the conference and appear on the program.

Inspired by the successful regional meeting held at Oak Ridge last year when approximately 500 persons attended a similar conference, there are indications that the attendance at the Atlanta sessions will be at a record level. The program will allow two full days for technical sessions and one full day for industrial-economic discussions. This plan is designed to promote better understanding and closer relations between business leaders and scientists to accelerate development of chemical industries in the South.

Among the Y-12ers who plan to attend the Atlanta conference are H. P. House, E. C. Lynn and A. F. Roemer, of the Analytical Chemistry Division; and Dr. C. P. Keim, Dr. C. E. Normand, Dr. Russell Baldock, Dr. G. E. Keilholtz, Boyd Weaver, W. C. Davis, S. F. Fairbourne and F. M. Scheitlin, of the Isotope Research and Production Division.

Y-12ers Who Will Attend

Five of the papers prepared by Y-12 personnel will be presented at sessions devoted to Physical and Inorganic Chemistry. Dr. Keim's paper on "Why Separate Stable Isotopes?" and one by Dr. Normand on "Evaluation of Materials for use in Vacuum" will be heard by this group. Also on this part of the program is a paper by E. V. Jones, Davis and Weaver on "Some Organic Complexes of Gallium," to be presented by Weaver. Weaver also will present another paper on "Some Chemical and Physical Properties of Zirconium and Hafnium Mandelates," which was

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Attendance Records In Y-12 Improve

The Y-12 attendance record for the week ending October 1 showed a distinct improvement over that of the preceding week, both in the overall plant absenteeism and in the number of departments reporting perfect attendance records. The plant-wide absentee mark for the week ending October 1 was 2.1 per cent, a drop of .2 per cent from the preceding week while eight departments had "all present" figures for the latest reporting period as against only five for the week ending September 24.

Lab Advances From Eighth

The Assay Laboratory forged from eighth place to first in the Major League of departments with more than 50 employees scheduled for the week ending October 1 and posted a perfect attendance record for the week. In second place, rising from seventh, was the Chemical Department with .9 per cent of its members absent. The Guard Department held on to third place for the second straight week and had an absentee mark of 1.05 per cent.

In the Minor League of departments with 15-49 employees scheduled, reports of perfect attendance came from seven departments. Only three were repeaters from the week ending September 24.

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Research Committee Of UCC Is Holding Meeting Here To Exchange Information

This week at Oak Ridge, the Research Committee of Union Carbide and Carbon Corporation is holding one of its periodic meetings for discussion of recent developments in the Corporation's scientific research. About once a year these meetings are held at one of the research centers of the Corporation. This occasion is the first time it has been possible for the group to meet here where activities in atomic research are centralized.

The discussions and demonstrations will cover research and development subjects at Y-12, K-25, and the Oak Ridge National Laboratory. Matters of interest in nuclear research, physics, metallurgy, chemistry, biology, and related engineering problems will be reviewed in the light of overall

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Dr. George O. Curme



Dr. George T. Felbeck

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Dr. H. H. Willard, New Consultant, Will Speak Here

One of the nation's outstanding analytical chemists, Dr. Hobert Hurd Willard, of the University of Michigan, has been added to the list of consultants for Carbide scientists in Oak Ridge and will be on the lectureship program of the East Tennessee Section of the American Chemical Society for talks in both Knoxville and Oak Ridge on October 26 and 27, respectively.

He will spend the entire week starting October 23 in Oak Ridge on visits to the three Carbide installations in his new capacity of consultant for the Company.

To Receive Fisher Award

Dr. Willard will be the 1951 recipient of the Fisher Award in Analytical Chemistry, one of the outstanding honors in his field. This was announced in the September 11 issue of Chemical and Engineering News.

The publication describes how Dr. Willard, born in Erie, Pa., in 1881, first became interested in chemistry when he found an old textbook which his grandmother had used in college days. He acquired more modern books and outfitted a small laboratory in his home, then in Union City, Mich. Taught At Michigan

From this beginning he established a fine record in analysis and received a full credit from the University of Michigan without attending a single class when he entered that university. He graduated from the University of Michigan in 1903, received his master's degree there in 1905 and his Ph.D. degree at Harvard University in 1909. He returned to the University of Michigan as an instructor in the department of chemistry and was promoted to full professor in 1922.

Dr. Willard has been active in American Chemical Society circles for years and was on the national board of directors from 1934 to 1940. He retired from active classroom work after 45 years but still is active, improving and revising his many textbooks on chemical subjects and directing work on research problems.

ALL Y-12ERS EXTEND DEEPEST SYMPATHY TO GRIGSBY FAMILY

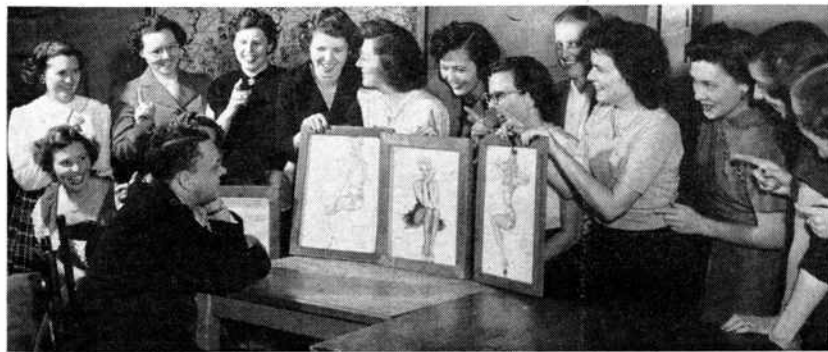
The first Oak Ridge family to receive notice that a relative had been killed in action in the Korean war was that of Julian Grigsby, of the Y-12 Maintenance Shops Department. The fateful message was received last week by the Y-12er, who was told that his son, Second Lieut. Wiley Julian Grigsby, Jr., had died while fighting with the Marines in the Far East on September 25.

Swift death brings shock and sorrow—even when the victim gallantly gives his life for his country—and from throughout Y-12 expressions of deepest sympathy were sent to the parents of Lieutenant Grigsby. In addition to his parents, Lieutenant Grigsby also is survived by his wife, the former Miss Angiel Haley, a former Y-12 employee who wed the officer just last July. Her friends in Y-12 also send her condolences.



—Photos By Vince Moore

FOLKS IN THE ISOTOPES
Physics and Spectroscopy section of the Isotope Research and Production Division enjoyed themselves at a party September 29 at the Jaycee home, as these pictures show. The "chow" line is shown in the top two pictures. From left to right across both photographs the refreshment seekers are Mrs. George Stukenbroeker, Al Southern, Oliver Yonts, Mrs. Eloise Yonts, Mrs. Roberta Southern, Mrs. Ruth Walchli, Harold Walchli, Paul Griffin, Mrs. Bonnie Griffin, Harris Dunn, Roy Zimmerman, Mrs. Winnie Zimmerman, Mrs. Jean Peed, Mrs. Mary Burkhardt, Mrs. Lessie Werner, George Werner, Mrs. Bobbie Keilholtz, Gerry Keilholtz, Mrs. Mildred Norris, John Norris, Mrs. Bettye Pope, Jim Pope, Mrs. Peggy Spitzer, Bill Peed, Dockie Smith and George Stukenbroeker. At bottom left, Harris Dunn, the only bachelor at the party, scans sketches of classy chassis as married ladies at the shindig rib him. The women seated are Mesdames Bobbie Keilholtz and Marie Smith while standing are Lessie Werner, Eloise Yonts, Winnie Zimmerman, Bonnie Griffin, Jean Peed, Margie Stukenbroeker, Peggy Spitzer, Mary Burkhardt, Bettye Pope, Velma Rogers, Ruth Walchli and Mildred Norris. At right below somebody apparently gave Elkin Burkhardt the bird as he sits by his wife and Harris Dunn and Oliver Yonts look on from behind. Marie Smith is seated with her back to the camera.



The General Maintenance Office folks and their families had their annual picnic last Wednesday night; "a wonderful time was had by all," there were hamburgers frying and weiners roasting. Charles Kasperek, was the "official hamburger-fryer," anyone wanting a delicious 'burger just called on him . . . Helen Baker left for her home in Alabama last week end for a week of vacation . . . F. W. Gallagher is vacationing for a week; the department hopes he gets lots of fish so they can have a "fish-fry" on him . . . Abb Menger is also on vacation this week and is going fishing. His co-workers hope he uses different bait this time and catches "something" . . . The department welcomes Doris Thomas and Geneva Carter.

The Medical Department welcomes Frances Haase to their roster.

The Analytical Department extends get-well wishes to Edna Rhea.

Roberta McCutchen, of the Analytical Chemical Division, is back after two-week vacation spent visiting in Michigan . . . Dr. J. C. White spent a recent week end in Hamilton, Ohio . . . Get-well wishes are extended to Thelma Miller, who is ill with the flu . . . The department welcomes Dr. Robert Rowan, Jr., to it's roster. Dr. Rowan is a Ph.D. from the University of Illinois and has been with the Standard Oil Co. and the Creole Petroleum Corporation. His interesting career includes five years of work in Venezuela, South America.

The Employee Relations Department extends get-well wishes to Winnie C. Miller, ill in the Oak Ridge Hospital with pneumonia. Winnie generally provides news of sick folks—now she is in the news herself.

W. J. Stolp, of the Stores Department, had as guests last week his brother-in-law and sister-in-law from Pasadena, Cal . . . J. L. Hamon was bitten by a dog! Why not make it really news—Brer Hamon?

Irene Turner, of the Manufacturing Offices, and her husband are vacationing this week at her home in Charlottesville, Va. . . R. J. Barron stayed close to home last week, so as not to miss any part of the World's Series, while on vacation.

Juanita Reed, of the Badge and Pass Office of the Guard Department, is vacationing for a week visiting relatives in Middle Tennessee.

R. D. Freels, of Utilities Maintenance, is off on vacation for two weeks.

E. F. Eubanks, of Field Maintenance, is vacationing for a week.

J. C. Little, of the Plant Engineering Department, spent a recent week end in Charlotte, N. C., and, "lucky fellow," saw the North Carolina-Notre Dame football game on television.

The Health Physics and Hygiene Department welcomes L. C. Emerson, W. H. Bauman and Wilma Brock to the group.

Paul Hagelston, of the Isotope Research Department, has returned from two week's vacation spent at home in Oak Ridge . . . Fred Boody, with his wife and children, attended the folk dance party in Gatlinburg last Friday night . . . The department extends get-well wishes to Kenneth Allen, who is in the Baptist Hospital, in Knoxville . . . Alma Shaw and Emily Cherry visited with friends in Tullahoma, Tenn., over a recent week end . . . R. L. Jeffries and his family spent a recent week end in Guthrie, Ky. . . The T. J. Stephens had as guests, last week end, Mrs. Stephens' parents from Georgia . . . Carl Frazier and his wife, Evelyn, of the Product Chemical Department, spent the week end in Van Lear, Tenn. . . T. J. Boring is spending his spare time these days getting things shaped up on his recently acquired farm over on Emory Road.

Walter Pugh, of the Assay Laboratory Department, is back after a week's vacation . . . The department extends sympathy to Nell Leonard on the death of her grandfather; and to Dorothy Reynolds over the death of an uncle.

The Y-12 friends of Nancy Doane Baxter will be glad to know the Baxters are now settled in their new home in Knoxville.

Y-12 Group Named For Chest Campaign

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of various divisions in Y-12 to cover the entire plant. The committee members include L. H. Barker, Research and Development; R. R. Tippy, Manufacturing Offices; Nelson Tibbatts, Maintenance; W. S. Herron, Chemical; Carl Roddy, Engineering; and Paschal Hamrick, Industrial Relations.

Two Ways To Subscribe

Again this year, Y-12ers may either make their subscriptions to the Community Chest by cash or through payroll deductions.

Dr. Harvey Bernhardt, of K-25, is chairman of the Chest campaign in Oak Ridge this year. H. C. McBriney, of Y-12, is an associate chairman of the campaign and Ray Barron, also of Y-12, has been named associate chairman of the audit division of the Chest campaign group.

Attendance Records In Y-12 Improve

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they being Steam Plant, Property and Receiving and Shipping. Advancing to join them were Plant Engineering, Manufacturing Offices, Plant Records and General Maintenance Office. These departments were in third, sixth, eighth and second places the preceding week.

Former Leaders Drop Back

Two departments tied for first place with perfect marks for the week ending September 24 dropped down to second and third places for the following week. They were Superintendents, with an absentee record of .6 per cent; and Cafeteria, with .8 per cent of its personnel absent.

The plant-wide absentee record for the week ending October 1, by departments follows:

MAJOR LEAGUE			
Dept.	More than 50 Employees	Absent Percentage	Scheduled Standing
2283	0.0	1	8
2619	0.9	2	7
2091	1.05	3	3
2282	1.14	4	4
2300	1.2	5	2
2616	1.5	6	6
2360	1.9	7	10
2320	2.0	8	5
2003	2.2	9	11
2015	2.7	10	9
2014	3.0	11	1
2142	5.2	12	12
2077	5.3	13	13

Group absentee percentage was 2.1 per cent, .1 per cent lower than the preceding week.

MINOR LEAGUE			
Dept.	15-49 Employees	Absent Percentage	Scheduled Standing
2743	0.0	1	1
2140	0.0	1	1
2143	0.0	1	1
2060	0.0	1	3
2133	0.0	1	6
2046	0.0	1	8
2002	0.0	1	2
2200	0.6	2	1
2107	0.8	3	1
2109	1.1	4	5
2064	1.2	5	11
2096	2.4	6	12
2739	2.6	7	4
2270	3.0	8	10
2005	3.5	9	7
2008	3.7	10	13
2001	4.9	11	9
2090	9.2	12	1

Group absentee percentage was 1.9 per cent, 1.0 per cent lower than the preceding week.

The plant average for the week ending October 1 was 2.1 per cent, .2 per cent lower than the preceding week.



The following Y-12 employees were patients in the Oak Ridge Hospital last week: M. B. Potter, Product Chemical; W. A. Wiginton, Product Chemical; Winnie C. Miller, Employee Relations; L. C. Martin, Field Maintenance; Belitha Henley, Janitors.

Y-12ers Will Present Papers At Conference

Continued from Page 1

prepared by Weaver, Davis and R. L. Bailey. The other Y-12 paper to be presented for this group is on "Mass Spectrometer Studies of Compound Cracking Patterns," prepared by Dr. Baldock and J. R. Sites and to be presented by Dr. Baldock. Consultant Aids In Paper

At a symposium of modern methods of analysis a paper on "Isotopic Analysis of Nitrogen and Carbon by Microwave Techniques" will be presented by Dr. Keilholtz. It was prepared by Dr. Keilholtz, H. W. Morgan, A. L. Southern, all of Y-12, and Dr. William V. Smith, a consultant from Duke University who has been working with Y-12 scientists.

During a session on analytical chemistry the other Y-12 paper will be offered. It is by House, C. D. Susano and Katherine Baker on "The Use of Dimethylglyoxime in a Rapid Colorimetric Method for the Determination of Iron in the presence of Uranium." It will be presented by House.

Several of the Carbide scientists from K-25 and Oak Ridge National Laboratory also are on the Atlanta conference program. Others known in Y-12 who have papers for presentation include Dr. D. G. Hill, of Duke University; and Dr. Hobart H. Willard, of the University of Michigan, recently added to list of consultants of Carbide installations here.

The reason why the average girl who would rather have beauty than brains is that the average man can see better than he can think.

Play Is Launched In Y-12 Championship Tournament

Hooks Take Top Spot In C Bowling League

The three-way tie previously existing in the C Bowling league of plant pinmen up to last Wednesday night was broken in the latest trip of the keggers to the Central alleys and after timber toppling was over the Hooks were on top, followed by the Orphans and Hurricanes at one-point intervals.

The Hooks took three points from the Hurricanes while the Orphans broke even with the Moles last week. The Thin Pins grabbed off three from the Hornets and the Guards finally broke into the win column with three from the Short Circuits.

Smith, of the Thin Pins; and Galloway, of the Hooks; shared individual scoring honors. The former posted a 218 scratch game and booted it to a season's high 269 with handicap. Galloway rolled a 550 scratch series and 631 with handicap. The Hooks took most team honors with a 815 scratch game, 2,343 scratch series and 2,823 handicap series. The Thin Pins led with a 1,017 scratch game.

League standing follows:

Team	W	L	Team	W	L
Hooks	15	5	Short Circuits	9	11
Orphans	14	6	Moles	9	11
Hurricanes	13	7	Hornets	6	14
Thin Pins	11	9	Guards	3	17

Cobble Paces Y-12 Varsity In Whitewashing AEC Team

By rolling over the Atomic Energy Commission keggers for three games on October 2, the Y-12 varsity bowling team went into a tie for first place in the Oak Ridge City League, sharing top ranking with Hoskins and the Silver Diner teams.

The Y-12ers posted games of 844, 885, 836—2,565 to 790, 835, 815—2,443 for AEC. Ernie Cobble paced the victors with a 548 series, finishing up with a powerful 239 after his first game was 100 pins under that figure. Other Y-12 scores were Elmore Koons, 188, 195, 156—539; Frank Gragg 170, 201, 156—527; Conrad Roberts 182, 156, 153—491; and Walt Sherrod 165, 163, 132—460.

Hopkins And Noe Top Cards At Bat; Carter Best Hurler

The Y-12 Cardinals, baseball champions of Oak Ridge for the 1950 season, had a team batting average of .257 for the season, unofficial averages compiled by Joe Walton, team scorekeeper, show. B. B. Hopkins, in five games and at bat 23 times, had the top average of .435 with C. H. Noe next with a .414 average in 29 times at bat in 12 games.

Lefty Carter was the top pitcher for the Cards, winning eight and losing but two games during the season.

Y-12 SPORTS NEWS



Y-12 Photos By Vince Moore
THE BLDG. 9212 SOFTBALL TEAM, CHAMPIONS OF THE regular season of the Y-12 Plant Softball League, are shown above with their trophies. In the back row, from left, are Manager R. A. Phillipi, J. H. Shoemaker, Walt Sherrod, Paul Braden, Frank Skinner, Roy Roberts, Richard Mustin and George McPherson. In front are J. T. Barker, Elmer Johnson, Harry Keen, R. G. Marlar and W. H. Wright. The youngsters are all children of team members. Squad members unable to be present when the picture was made were Ed Sise, W. C. Walker, Fred Guttery, C. Moses, Ralph Ford, E. Moore and A. B. Campbell.

B League Race Tightened As Top Teams Beaten; Cubs Hold Slender Margin

With the two leaders of the previous week being unceremoniously knocked off for three-point defeats, the race in the B League became considerably tightened after the bowling activities of last Thursday night. The Cubs held on to their slim two-point lead, although trimmed by the Maintenance keggers, but the next three teams are deadlocked as are the following pair.

The Rippers, Wasps and All Stars are all crowded on the second rung of the ladder. The Rippers banded the Head Pins for three and the Wasps stung the All Stars for the same number of points. Further down the list the Tigers helped themselves to three points from the Bums while the Comets and Bumpers divided. The biggest upset of the night was the three-point trimming handed the Wolves by the last-place One-91 pinmen, who climbed to a tie with the Bums for the cellar position. The One-91 victory came despite a fine 225 scratch single game rolled by Conrad Roberts, of the Wolves, the best game rolled in the league to date this season. Crews, of Maintenance; and Hale, of the Tigers, also posted a season's high of 263 each for handicap game and Crews went on to get the night's high scratch series of 529 and handicap series of 652.

The Rippers took most team scoring honors with an 855 scratch game, 2,455 scratch series and 2,896 handicap series. The Bumpers had the top handicap series score of 1,022.

League standing follows:

Team	W	L	Team	W	L
Cubs	15	5	Wolves	11	9
All Stars	13	7	Tigers	8	12
Rippers	13	7	Bumpers	7	13
Wasps	13	7	Head Pins	6	14
Maintenance	12	8	Bums	5	15
Comets	12	8	One-91	5	15

Son Of Y-12 Man Does Punting Job For Chattanooga

When the University of Chattanooga Moccasins go to work next Saturday against the footballers of the University of Tennessee at Knoxville, one of those last one buck bets can safely be placed that Elmer Koons, of the Y-12 Maintenance Division; Mrs. Koons and a Koons rooting section will be on hand.

However, it won't be for the Vols that the Koons crowd will be yelling—it will be for son Bill, an Oak Ridge High School graduate and a backfield performer on the 'Nooga aggregation. In high school here he played football and also was on the track team.

Bill Koons is the punter of the Chattanooga team this season, falling heir to the difficult job filling the shoes of a kicker deluxe—Rusty Granitz, whose booming boots are remembered by Tennessee fans. Coach Scappy Moore had quite a problem before picking Koons for the punting but the son of the Y-12er really justified the act by averaging 42.7 yards against Alabama in addition to performing well in other departments of the game.

So it might behoove some other Y-12 grid fans attending the Tennessee-Chattanooga fracas Saturday to keep their eye on young Koons. He might really show them something.

LINE FORMS ON RIGHT?

The Indianapolis Star has editorially rapped a Massachusetts Institute of Technology professor who is reported to have proposed that persons be graded according to their importance for admission to atomic bomb shelters in case of war.

Strikers Sweep Four To Keep Perfect Mark

The Strikers continued to make a runaway race of it in the D League last week by pounding out a four-point bowling victory over the Cermets. The Isotopes held their second place spot, but fell behind one point as they could take but three from the Angstroms. The Old Men bounced up to third place by blanking the Toppers and the Pick Ups created a three-way tie for last place by taking three points from the Splinters.

Frank Gragg's scoring paced the Strikers as he had a 200 scratch game and 533 series. Fred Boody, of the Cermets, had the top handicap game of 234 while Lyle Overholser, rolling for the Old Men, came through with a 617 handicap series for tops.

The Strikers and Old Men shared team scoring honors. The Strikers had the best scratch scores of 834 for one game and 2,386 series while the Old Men had handicap scores of 991 and 2,876.

League standing follows:

Team	W	L	Team	W	L
Strikers	20	0	Splinters	8	12
Isotopes	15	5	Toppers	6	14
Old Men	10	10	Angstroms	6	14
Cermets	9	11	Pick Ups	6	14

Women Varsity Bowlers Win Two; Tied For Third

The Y-12 women's varsity bowling team came out of last week's alley activities with a two to one victory over the Oak Ridge Auto and Home Supply keglerettes and found themselves in a tie for third place in the city loop. Reeder's is in first place with Tulip Town and Norris Creamery tied for second.

The Y-12ers took the first game by 634 to 597 and the second by 731 to 620. However, the winners faltered badly in their last round and dropped the decision by 620 to 612. Total scores were 1,977 for Y-12 and 1,837 for the losers. In individual scoring the Y-12ers were led by Katie Williams with 152, 158, 133—443; followed by Olyne Poindexter 126, 166, 127—419; Oradean Upchurch 127, 124, 143—394; Juanita Reed 125, 158, 111—394; and Ruth Law 104, 125, 98—327.

Any Y-12ers Want To Play Volleyball?

Any Y-12ers interested in forming or joining a plant volleyball team to enter a proposed city league in this sport are urged to communicate at once with the Y-12 Recreation Office, North Portal, telephone 7-8252. Several groups in Oak Ridge have expressed interest in the proposal to form a league to allow participation in the popular sport.

Plant Golfers In Four Flights; Bowles Is No. 1

Play was launched this week in the Y-12 plant-wide championship golf tournament with the finals being scheduled to be staged not later than Sunday, October 22. J. Clyde Bowles, winner of the earlier Plant Golf League tournament and defending champion of the plant-wide event last year, was seeded No. 1 in the championship flight of the 1950 tournament.

Pairings for first-round matches follow:

Championship Flight—Bowles vs Tiller, Caldwell vs Shugart, Reynolds vs Koontz, Sherrod vs Lavers.

First Flight—Foster vs Mitchel, Barker vs Orrison, Harris vs Tibbatts, Ratjen vs Crouse.

Second Flight—Olson vs Brown, Koons vs Martin, Crews vs Holtz-knecht, Kielholtz vs Keese.

Third Flight—Nessle vs Bye, Kennedy vs Hubbard, Morgan vs Matlock, Burkhart vs Clewitt.

Kemps, Controllers Tied; Reed Romps For Record Scores

The Woes dropped out of a first place tie in the Women's League of plant keglerettes last week by dropping two out of three games to the Kemps with the latter team remaining deadlocked with the Controllers for the loop lead. The Controllers took a pair from the Racqueteers to keep pace. The only clean sweep was made by the Cracker Jax, who took three from the Hi Balls and in the other match the Strickettes dumped the Dodgers for a pair.

Juanita Reed, of the Strickettes, walked away with individual scoring honors and helped her team cop top tallies for the night. Miss Reed had seasonal high scores of 201 scratch game, 247 handicap game and 486 scratch series and her handicap series of 624 tied Katie Williams for the best of the year. The Strickettes rolled a 752 scratch game, 1,039 handicap game, 1,936 scratch series and 2,797 handicap series.

League standing follows:

Team	W	L	Team	W	L
Kemps	10	5	Strickettes	7	8
Controllers	10	5	Hi Balls	6	9
Woes	9	6	Dodgers	5	10
Cracker Jax	8	7	Racqueteers	5	10

'LARK' MAY BLAST BOMB

Columnist William S. Friedman, writing in the Washington Post, believes the Navy guided missile, the "Lark," may be the answer to the atomic bomb threat. It is said to be able to seek out enemy aerial raiders and destroy them before they reach their targets.

Cards Bat .257 For Season

Player and Position	G	AB	R	H	Avg.	2B	3B	HR	TB	SH	BB	SB
Hopkins, 3b	5	23	7	10	.435	3	3	0	19	0	0	0
Noe, c, of	12	29	9	12	.414	3	0	0	15	0	0	1
Robertson, of, c	8	24	3	9	.375	0	0	0	9	0	0	1
Grimes, ss	8	18	4	6	.333	1	0	0	7	0	2	2
Guinn, p	14	6	1	2	.333	0	0	0	2	0	0	1
Wylie, 3b	8	31	8	10	.323	1	0	1	14	0	2	1
Asbury, 3b, of	13	51	18	16	.314	5	2	1	28	0	8	2
Addison, cf, p	19	81	18	25	.309	5	1	0	32	1	7	8
Hicks, c	11	39	2	15	.306	1	0	0	16	0	1	2
Carter, p, of	18	51	10	13	.255	3	0	0	16	0	4	5
Talley, 1b, p	5	4	1	1	.250	1	0	0	2	0	1	0
Johnson, 2b, p, of	20	73	17	18	.247	1	0	0	19	1	7	5
Dodson, of	14	43	7	10	.233	0	0	0	10	0	6	0
Sherrod, of	18	67	8	15	.224	3	1	1	23	0	4	2
Guttery, 1b	20	86	8	18	.209	4	1	0	24	0	1	2
McAllister, 2b	10	30	6	6	.200	0	0	0	6	0	2	1
Wright, 3b	5	21	4	4	.190	1	0	0	5	0	1	3
Kirkwood, p	5	12	1	2	.167	0	0	0	0	0	0	0
Martin, ss	14	49	7	8	.163	1	2	0	13	0	9	3
Little, c	3	7	0	1	.143	0	0	0	1	0	2	1
Marlar, of	4	9	3	1	.111	1	0	0	2	0	2	1
Braden, of	9	16	2	1	.063	0	0	0	1	0	5	0
Totals		798	144	205	.257	35	10	3	269	2	65	41



Y-12 Photos By Vince Moore
WINNERS IN THE Y-12 GOLF LEAGUE TOURNAMENT received their trophies last week. Pictured above, from left, are George Mitchel, second flight; Elmore Koons, fourth; J. Clyde Bowles, championship flight; Cecil Hubbard, third flight, and Bill Morgan, fifth flight. Sonny Richardson, first flight winner, was unable to be present when the picture was made.

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UCC Research Committee Is Holding Meetings Here

Continued from Page 1
UCC research programs.
Meeting Will Aid Progress

The aim of these sessions is to achieve mutual exchange of background and scientific information between the leaders of research here and the leaders of research at other UCC centers. The subjects discussed by the visitors and by those reporting Oak Ridge research will bring additional interest in developing and utilizing the results of research to mutual advantage. This helps both groups to future progress. In the past research in each of Carbide's fields of endeavor: alloys, carbons, chemicals, gases, and plastics, have contributed substantially to products and processes used in our atomic energy work here. The visitors in turn will find challenges and inspiration for future researches in these fields through familiarity with research progress and programs here.

James A. Rafferty, Vice President of UCC, who was responsible for Carbide's original participation in the atomic energy program starting early in 1943, has been Chairman of the Research Committee since it was instituted several years ago. Because Mr. Rafferty is unable to be here for this meeting, Dr. George O. Curme, senior member of the Committee, and Vice President—Chemical Research for UCC, will preside at this meeting. Dr. George T. Felbeck, Vice President, Carbide and Carbon Chemicals Division, will act as host together with Clark E. Center, General Superintendent for Carbide in Oak Ridge. Dr. Felbeck lived in Oak Ridge during the war years while he was Carbide's Project Manager. He is now a member of the Research Committee and in charge of atomic energy activities for Carbide.

Others To Attend Meeting

Other UCC Research Committee members and visiting officials to attend the meeting include:

Dr. L. M. Currie, Vice President—Research, National Carbon Division, New York.

Dr. A. B. Kinzel, President, Union Carbide and Carbon Research Laboratories, Inc., and Vice President, Electro Metallurgical Division, New York.

John J. Murphy, Vice President—New Products Division, The Linde Air Products Company, New York.

Glen D. Bagley, Chief Engineer, Union Carbide and Carbon Research Laboratories, Niagara Falls.

Dr. R. H. Crist, Research Chemist, Physical Processes Dept., Carbide and Carbon Chemicals Division, South Charleston, W. Va.

Dr. L. I. Dana, Research Manager, The Linde Air Products Company, New York.

Dr. James F. Eversole, Superintendent of Research Laboratories, The Linde Air Products Company, Tonawanda, New York.

V. C. Hamister, Chemical Engineer, Research Laboratories, National Carbon Division, Cleveland, Ohio.

D. C. Harrison, Manager, Patent Department, Union Carbide and Carbon Corporation, New York.

Dr. George H. Law, Asst. Director of Research and Development, Carbide and Carbon Chemicals Division, South Charleston, West Virginia.

Dr. H. G. MacPherson, Assistant Director of Research, National Carbon Division, Cleveland, Ohio.

Dr. G. A. Perkins, Director of Research, Carbide and Carbon Chemicals Division, New York.

V. H. Turkington, Superintendent of Research and Development, Bakelite Division, Bound Brook, New Jersey.

Sewerage Disposal Chemistry On Headlines Radio Program

The role of chemistry in the municipal problems of sewerage disposal will be described on the Headlines in Chemistry radio program to be presented over Oak Ridge Station WATO at 9:15 o'clock Sunday night, October 15. The program is sponsored by the East Tennessee Section of the American Chemical Society.

William Patterson, chemist with the sewerage disposal plant of the city of Oak Ridge will be the principal speaker on the program. Warren Reysen, of K-25; and Roberta McCutchen, of Y-12, will be co-hosts on the program.

Patterson will describe the processing of sewerage at the plant, disposal of by-products, condition of sewerage after treatment and how sewerage affects drinking water and general health conditions of a city when not properly controlled.

Radiological Defense Group Accepting More Members

Additional members now are being selected for the 8752nd Radiological Defense Squadron (Reserve) in Oak Ridge, officers of the squadron have announced. The squadron is under the Special Weapons Command of the Air Force and its function is to perform disaster duty such as monitoring radiation in cases of an atomic attack.

No technical training is required of squadron members and veterans may be assigned in the grade held on discharge. Airmen assigned to the squadron are not subject to draft and grades authorized allow for promotion to rank of sergeant or higher.

Meetings, Drills Held To Stress Fire Prevention

Continued from Page 1

batting fires, if they do occur, also were described.

Equipment Is Demonstrated

At these meetings and others to be held throughout the plant in every division and department during Fire Prevention Week employees will be shown how various types of fire extinguishers are operated and which type should be used against different types of fires. Employees also will be shown how to turn in a fire alarm as a fire alarm box such as is used in the plant has been mounted on a panel to use in the demonstration. What to do in case of fire also will be stressed at the meetings.

Inspection committees have been named in all departments to review their own immediate work areas. These groups operate under supervision, to whom they will report any fire hazards found. All Urged to Participate

The fire prevention record of Y-12 has been extremely good throughout the past several years and all Y-12ers have been urged by Y-12 Area Superintendent W. D. Lavers to take part in Fire Prevention Week activities so that the efficiency of the plant personnel will be kept at its present high level in combatting the dangers of fire.

Y-12's excellent record in fire prevention is directly linked with the accident prevention program of the plant and a year-around observance of the principles of good housekeeping. Efforts should be made throughout the plant to maintain the high standards, to keep all working areas clean, avoid dangerous storage of com-



IN CONNECTION WITH FIRE PREVENTION WEEK ACTIVITIES, AN OLD AND UNUSED BUILDING was demolished last week in Y-12 for fear that it might become a fire hazard. The top picture was made during the height of the demolition and the employees are, from left, Laborer Timothy Ware, Carpenter H. Myers, Laborer Jesse Johnson peeping over the girder, Carpenters J. F. Myers, Oscar Smith and Charlie Rhyme and Carpenter Group Leader S. C. Greenlee directing the operation. Debris from the demolished building is shown being removed in the lower picture. The truck driver is Wayne Rogers with D. O. Dehart being the laborer in the cab as a helper. At rear is Laborer R. Knaff while Laborer Foreman W. A. Pratt gives the go-ahead signal to the driver after the truck was loaded.

Y-12 Photos By Vince Moore

Badly Burned Child Of Y-12 Janitor Aided By Red Cross Donated Blood

Carl Pate, a Y-12 janitor in the Electromagnetic Research Division, was sorely troubled several days ago. His little son—just four years old—was critically ill from burns and needed a blood transfusion in connecting with a skin grafting operation. The boy's body was badly seared from his head to below his hips and he had been languishing in the Blount Memorial Hospital in Maryville for weeks. He was the victim of the childlike mistake of playing with matches.

Referred To Red Cross

Pate took his problem to his supervisor, who in turn passed it along to Larry Parsons, supervisor of building operations. Parsons, in turn, called on George W. Flack, of the Industrial Relations Division and also chairman of the Oak Ridge Chapter of the American Red Cross. Through Parsons and Flack, Pate's critical case was referred to Mrs. Edna Dawes, in charge of the blood bank of the Red Cross chapter.

Through hospital authorities in Maryville it was ascertained that the Pate child needed a rare type of blood—B Negative. There was none of this type in the diminishing blood bank. However, Mrs. Dawes quickly consulted her list of donors and found some with the type of blood needed. This was on Friday, September 29.

Blood Rushed To Maryville

Two of them immediately volunteered to give a pint each of the rare blood, which was rushed to Maryville without even being processed. The transfusions began immediately with the lad being given one-half pint daily.

Since the incident was brought to light in Oak Ridge appeals for the rare type of blood were made over a radio station in Maryville and in newspapers with the result that additional donors have been found willing to aid the Pate boy's fight for life—which last week he appeared to be winning—thanks to the unselfish action of the Oak Ridge and Maryville blood donors.

ORNL Scientist To Lead Physics Seminar Meeting

F. K. McGowan, of the Oak Ridge National Laboratory Physics division, will be the principal speaker at the weekly meeting of the Oak Ridge Physics Seminar at 4 o'clock Friday afternoon, October 15. The meeting will be held in the East Lounge of the Ridge Recreation Hall.

The subject of McGowan's discussion will be "Experiments On Angular Correlation." Y-12ers interested in the subject are invited to attend the seminar session.

A diplomat is a person who can tell you to go to the devil so pleasantly that you are rarin' to get started.

Give! Give Enough



Many Campaigns In One